

LX-57B X-RAY SHIELDING GLASS

LX-57B X-Ray Shielding Lead Glass offers excellent radiation protection and superb visual clarity. The polished surfaces are scratch resistant, and LX-57B does not discolor due to radiation. LX-57B is high quality optical grade, lead barium type, X-Ray Shielding Lead Glass that consists of over 60% heavy metal oxide that includes a minimum of 55% PbO. LX-57B comes in a variety of thicknesses: LX7 (1/4" / 7 mm) is used in most X-ray radiation applications. LX9 (3/8" / 9 mm), LX14 (9/16" / 14 mm), LX15 (9/16" / 15 mm), and LX17 (11/16" / 17 mm) are used when greater protection is required, for example, in cancer/ fluoroscopic treatment facilities. For safety requirements, LX57B is available in a variety of safety-rated configurations.



APPLICATIONS

- Medical Facilities
- Laboratories
- Airports
- Screens for Radiation Protection

STATISTICS

	LX7	LX7 NT	LX7 LAMINATED	LX9	LX9 NT	LX9 LAMINATED	LX14	LX15 LAMINATED	LX17 LAMINATED
THICKNESS	1/4" (7 mm)	1/4" (7 mm)	7/16" (11 mm)	3/8" (9 mm)	3/8" (9 mm)	1/2" (13 mm)	9/16" (14 mm)	9/16" (15 mm)	11/16" (17 mm)
LEAD EQUIV. (MMPB)	1.6	1.6	1.6	2	2	2	3	3	3.2
MINIMUM DENSITY	0.06 oz/in3 (4.36 gm/cm3)	0.06 oz/in3 (4.36 gm/cm3)	0.06 oz/in3 (4.36 gm/cm3)	0.06 oz/in3 (4.36 gm/cm3)	0.06 oz/in3 (4.36 gm/cm3)	0.06 oz/in3 (4.36 gm/cm3)	0.06 oz/in3 (4.36 gm/cm3)	0.06 oz/in3 (4.36 gm/cm3)	0.06 oz/in3 (4.36 gm/cm3)
WEIGHT	6.55 lb/ft2 (32.0 kg/m2)	6.55 lb/ft2 (32.0 kg/m2)	7.58 lb/ft2 (37.0 kg/m2)	8.19 lb/ft2 (40.0 kg/m2)	8.19 lb/ft2 (40.0 kg/m2)	9.46 lb/ft2 (46.2 kg/m2)	12.56 lb/ft2 (61.3 kg/m2)	13.11 lb/ft2 (64.0 kg/m2)	14.46 lb/ft2 (70.6 kg/m2)
X-RAY PEAK VOLTAGE (KV)	150	150	150	150	150	150	200	200	200
MAX. AVAILABLE SHEET SIZE	48" x 96" (1,220 mm x 2,440 mm)	48" x 96" (1,220 mm x 2,440 mm)	48" x 96" (1,220 mm x 2,440 mm)	48" x 96" (1,220 mm x 2,440 mm)	48" x 96" (1,220 mm x 2,440 mm)	48" x 96" (1,220 mm x 2,440 mm)	48" x 96" (1,100 mm x 2,440 mm)	48" x 96" (1,220 mm x 2,440 mm)	48" x 96" (1,220 mm x 2,440 mm)
CAT I (FILMED)	N/A	1,296 in2 (.84 m2) (max. size)	N/A	N/A	1,296 in2 (.84 m2) (max. size)	N/A	N/A	N/A	N/A
CAT II (LAMINATED)	N/A	N/A	Yes	N/A	N/A	Yes	N/A	Yes	N/A (No Test Data)

*LX7 may be installed in a double assembly for greater protection. Please call for further details.

AVAILABILITY

Please contact Torstenson Glass regarding lead-time for your project.